

Battaglia, Frank

From: Lynch, Joanne <Joanne.Lynch@aecom.com>
Sent: Friday, October 24, 2014 10:38 AM
To: Battaglia, Frank
Cc: Joseph Guarnaccia; Hellerich, Lucas
Subject: RE: Former Waste Water Treatment Area - Shallow Soil Detects
Attachments: 1995CMS_ShallowSoilDataWWTA.pdf; 1995CMS_DeepSoilDataWWTA.pdf; Fw: Pawtuxet River - RI; Flood Hazard Development Permit; FW: Flood Hazard Development Permit; RE: Interim Remedial Measure Workplan for Sediment Removal within the Pawtuxet River - October 21, 2011; RIDEM Permitting.docx

Importance: High

Frank –

I'm glad that we had a chance to discuss your comments on the FWWTA yesterday by phone after you had a chance to review the CMS data and map showing sampling locations (email dated 10/21/14). To respond to your questions and comments yesterday on the FWWTA information sent and, in general, on what type of permit Yardworks might be submitting:

- Data for SF-10I, SF-10J, B-10F, B-10G, B-10H are in the first 5 columns of data on page 1 of the "1995CMS_ShallowSoilDataWWTA" file
- Data for B-10A, B-10B, B-10C, B-10D, B-10E are in the attached file for "1995CMS_DeepSoilDataWWTA". These samples were collected from 2-4 ft bgs at the FWWTA and no chlordane is detected.
- Previously, we had talked with Ron Gagnon at RIDEM regarding the **sediment removal from the Pawtuxet river** and Bob DeSista and Mike Elliott at ACOE. Attached are emails from 2011 ("FW: Pawtuxet River – RI" and "RE: Interim Remedial Measure Workplan for Sediment Removal within the Pawtuxet River – October 21, 2011") with the contact names and email for ACOE and RIDEM regarding wetland approvals. For the sediment removal work, we had submitted a permit to ACOE only.
- The City of Cranston has a floodplain permit that is issued by the building inspector. Our take on this permit during the sediment removal project was that this permit applies to typical development projects within the floodplain or other permanent operations (mining, excavation, grading) rather than temporary projects. Since YW is looking to do a sewer hook-up and all disturbed areas would be restored upon completion, it is possible that they need this approval. The building inspector we dealt with is Stanley Pikul and YW indicated that they are also dealing with him. (Attached is our email inquiry to him prior to the sediment removal project within the 100 yr floodplain and response from Stanley Pikul regarding applicability of the regs.)
- A Preliminary Determination (PD) may be what YW has submitted in hopes of obtaining an **insignificant alteration** decision. Impacts to non-biological wetlands (i.e., 50-foot Perimeter or 100 or 200-foot Riverbank Wetlands) can be determined as insignificant alterations depending on the amount and type of impact. In general if there is limited tree clearing to only that necessary and you have shown minimization and no other alternative exists in these areas, RIDEM will typically issue an insignificant alteration permit. If there is a lot of impact in these areas but the area is previously disturbed and void of trees, then DEM can issue an insignificant alteration permit to allow activities to take place over a much larger area. If there is restoration to pre-construction grades (ensuring no loss of flood water storage within the floodplain) and re-vegetation of the area upon completion of work then disturbances will be temporary. See attached (RIDEM Permitting.doc) for a write-up our permitting people put together as background to RIDEM permitting, it is a good summary we had on hand and includes project size threshold information.

A I think this covers the information I offered on our call yesterday. I hope this assists you in making a final decision on whether an ELUR is or is not needed for the FWWTA. As we discussed yesterday, we are guessing as to the exact nature, location, and size of the Yardworks construction, so we are therefore guessing as to what permit or permits are applicable. I included the existing information we had gathered for other purposes to help you read up quickly on this and evaluate whether you deem those



permits to be sufficiently protective to address the two detects of chlordane in surface soil and will release BASF from obtaining an ELUR.

Please let me know if I can provide any more data or information to help you make your decision. We look forward to working with you to bring this Site to closure as soon as possible.

Thanks,
Joanne

Joanne M. Lynch
D 978.905.2296
M 978.496.0589
joanne.lynch@aecom.com

From: Lynch, Joanne
Sent: Tuesday, October 21, 2014 2:26 PM
To: Frank Battaglia
Cc: Joseph Guarnaccia; Hellerich, Lucas (Lucas.Hellerich@aecom.com)
Subject: Former Waste Water Treatment Area - Shallow Soil Detects

Frank –

Attached is a draft figure that I put together to show the 1995 CMS shallow soil detects within the Former Waste Water Treatment Area (FWWTA). Also attached are copies of the shallow soil data from the CMS, for reference. The detects appear to be within the 200 ft buffer zone from the river and outside of the proposed building construction area. As I indicated on the phone with you yesterday, Yardworks did say that they needed a RIDEM permit for a sewer connection that was inside the buffer zone.

Please let us know what you decide and how you want to proceed.

Thanks in advance,
Joanne

Joanne M. Lynch, M.Sc., P.Eng.
Environmental Engineer
D 978.905.2296
C 978.496.0589
joanne.lynch@aecom.com



250 Apollo Drive, Chelmsford, MA 01824
T 978.905.2100 F 978.905.2101
www.aecom.com

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